

Hygate A

Gate Valve with Flanges PN 16

DN 40...300



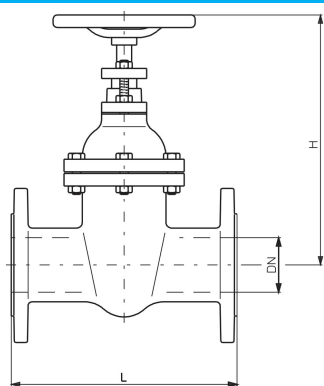
Technical Data

Nominal sizes	DN 40...300
Variants	With flanges according to EN 1092-2 PN 16, lengths according to DIN EN 588 part 1, basic series 15
Operating temperature	-10...+120 °C
Operating pressure	PN 16
Medium	Heating and cooling water according to VDI 2035 or ÖNORM 5195 Water-glycol mixtures with max. 50% glycol content
Kvs values	107...6380

Materials

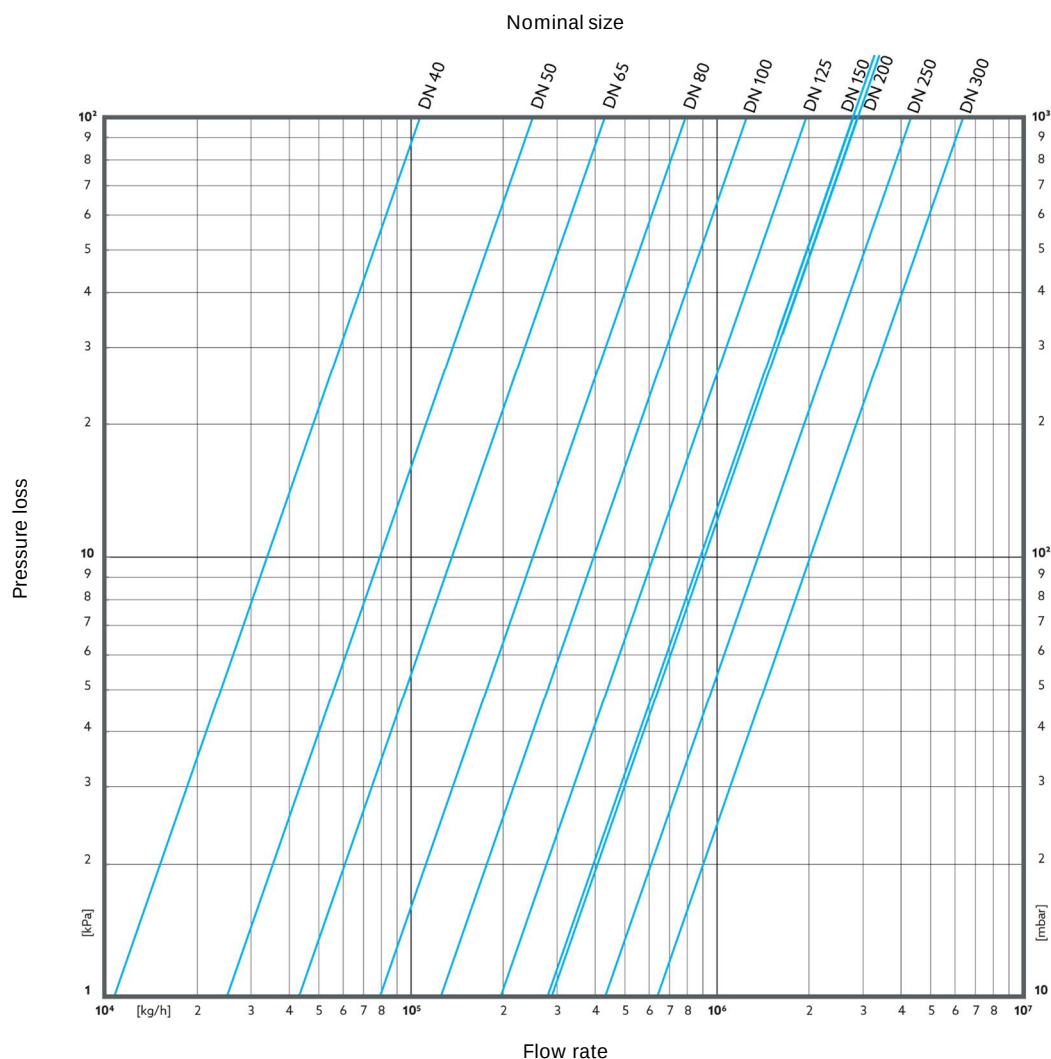
Component	Material
Handwheel assembly	Steel
Body, bonnet, stuffing box assembly	Cast iron EN-GJL-250 according to EN 1561 (GG-25)
Stuffing box packing	Teflon-impregnated, asbestos-free
Spindle, valve seat	Brass

Dimensions and Item Numbers



DN	Kvs	L [mm]	H [mm]	Weight [kg]	Item no.
40	107	240	230	10	1045049
50	250	250	265	13	1045050
65	430	270	300	17	1045051
80	790	280	340	24	1045052
100	1250	300	370	31	1045053
125	1960	325	415	41	1045054
150	2790	350	460	55	1045055
200	2880	400	555	89	1045056
250	4306	450	665	140	1045057
300	6380	500	730	180	1045058

Flow chart



Kvs values

Nominal size	Kvs value
DN 40	107
DN 50	250
DN 65	430
DN 80	790
DN 100	1250
DN 125	1960
DN 150	2790
DN 200	2880
DN 250	4306
DN 300	6380

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